

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JAN 27 Source of Registration (SR) information in REGISTRY updated
and searchable
NEWS 4 JAN 27 A new search aid, the Company Name Thesaurus, available in
CA/CAPLUS
NEWS 5 FEB 05 German (DE) application and patent publication number format
changes
NEWS 6 MAR 03 MEDLINE and LMEADLINE reloaded
NEWS 7 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 8 MAR 03 FRANCEPAT now available on STN
NEWS 9 MAR 29 Pharmaceutical Substances (PS) now available on STN
NEWS 10 MAR 29 WPIFV now available on STN
NEWS 11 MAR 29 New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12 APR 26 PROMT: New display field available
NEWS 13 APR 26 IFIPAT/IFIUDB/IFICDB: New super search and display field
available
NEWS 14 APR 26 LITALERT now available on STN
NEWS 15 APR 27 NLDB: New search and display fields available
NEWS 16 May 10 PROUSDDR now available on STN
NEWS 17 May 19 PROUSDDR: One FREE connect hour, per account, in both May
and June 2004
NEWS 18 May 12 EXTEND option available in structure searching
NEWS 19 May 12 Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20 May 17 FRFULL now available on STN

NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help Desk Availability
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 13:06:03 ON 18 MAY 2004

=> file uspatfull		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'USPATFULL' ENTERED AT 13:06:20 ON 18 MAY 2004
CA INDEXING COPYRIGHT (C) 2004 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 18 May 2004 (20040518/PD)
FILE LAST UPDATED: 18 May 2004 (20040518/ED)
HIGHEST GRANTED PATENT NUMBER: US6738983

HIGHEST APPLICATION PUBLICATION NUMBER: US2004093652
CA INDEXING IS CURRENT THROUGH 18 May 2004 (20040518/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 18 May 2004 (20040518/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2004
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2004

```
>>> USPAT2 is now available.  USPATFULL contains full text of the    <<<
>>> original, i.e., the earliest published granted patents or      <<<
>>> applications.  USPAT2 contains full text of the latest US      <<<
>>> publications, starting in 2001, for the inventions covered in   <<<
>>> USPATFULL.  A USPATFULL record contains not only the original  <<<
>>> published document but also a list of any subsequent           <<<
>>> publications.  The publication number, patent kind code, and   <<<
>>> publication date for all the US publications for an invention  <<<
>>> are displayed in the PI (Patent Information) field of USPATFULL <<<
>>> records and may be searched in standard search fields, e.g., /PN, <<<
>>> /PK, etc.                                                       <<<

>>> USPATFULL and USPAT2 can be accessed and searched together    <<<
>>> through the new cluster USPATALL.  Type FILE USPATALL to      <<<
>>> enter this cluster.                                           <<<
>>>                                                                    <<<
>>> Use USPATALL when searching terms such as patent assignees,   <<<
>>> classifications, or claims, that may potentially change from  <<<
>>> the earliest to the latest publication.                        <<<
```

This file contains CAS Registry Numbers for easy and accurate
substance identification.

```
=> s (neff, m? or neff m?)/au
      32 NEFF, M?/AU
      32 NEFF M?/AU
L1      32 (NEFF, M? OR NEFF M?)/AU

=> s (chory, j? or chory j?)/au
      10 CHORY, J?/AU
      10 CHORY J?/AU
L2      10 (CHORY, J? OR CHORY J?)/AU

=> s l1 and l2
L3      2 L1 AND L2

=> d l3 1-2 bib
```

```
L3  ANSWER 1 OF 2  USPATFULL on STN
AN   2003:74294  USPATFULL
TI   Genetically modified plants having modulated brassinosteroid signaling
IN   Neff, Michael M., St. Louis, MO, United States
      Chory, Joanne, Del Mar, CA, United States
PA   The Salk Institute for Biological Studies, La Jolla, CA, United States
      (U.S. corporation)
PI   US 6534313      B1   20030318
AI   US 2000-527073      20000316 (9)
PRAI US 1999-172832P      19991220 (60)
      US 1999-170931P      19991214 (60)
      US 1999-124570P      19990316 (60)
DT   Utility
FS   GRANTED
EXNAM Primary Examiner: McElwain, Elizabeth F.; Assistant Examiner: Collins,
      Cynthia
LREP Knobbe, Martens, Olson & Bear, LLP
CLMN Number of Claims: 11
ECL  Exemplary Claim: 1
DRWN 13 Drawing Figure(s); 7 Drawing Page(s)
LN.CNT 3184
```

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 2 USPATFULL on STN
AN 2002:142455 USPATFULL
TI Genetically modified plants having modulated brassinosteroid signaling
IN **Neff, Michael M.**, St. Louis, MO, UNITED STATES
Chory, Joanne, Del Mar, CA, UNITED STATES
PI US 2002073446 A1 20020613
AI US 2001-992901 A1 20011114 (9)
RLI Division of Ser. No. US 2000-527073, filed on 16 Mar 2000, PENDING
PRAI US 1999-172832P 19991220 (60)
US 1999-170931P 19991214 (60)
US 1999-124570P 19990316 (60)
DT Utility
FS APPLICATION
LREP KNOBBE MARTENS OLSON & BEAR LLP, 620 NEWPORT CENTER DRIVE, SIXTEENTH
FLOOR, NEWPORT BEACH, CA, 92660
CLMN Number of Claims: 32
ECL Exemplary Claim: 1
DRWN 7 Drawing Page(s)
LN.CNT 3254
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s 11 or 12

L4 40 L1 OR L2

=> s 14 not 13

L5 38 L4 NOT L3

=> s 15 and (bas1 or bas-1 or bas(w)1)

54 BAS1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

6448 BAS

3785663 1

68 BAS(W)1

L6 0 L5 AND (BAS1 OR BAS-1 OR BAS(W)1)

=> s 15 and bas

6448 BAS

L7 0 L5 AND BAS

=> s 15 and bas1

54 BAS1

L8 0 L5 AND BAS1

=> s 15 and bas-1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

L9 0 L5 AND BAS-1

=> s bas1 or bas-1 or bas(w)1

54 BAS1

6448 BAS

3785663 1

68 BAS-1

(BAS(W)1)

6448 BAS

3785663 1

68 BAS(W)1

L10 120 BAS1 OR BAS-1 OR BAS(W)1

=> s l10 not l4

L11 118 L10 NOT L4

=> s l11 and plant

206554 PLANT

L12 27 L11 AND PLANT

=> d l12 1-10 ti

L12 ANSWER 1 OF 27 USPATFULL on STN

TI Human proteins responsible for NEDD8 activation and conjugation

L12 ANSWER 2 OF 27 USPATFULL on STN

TI Chlamydia pneumoniae polynucleotides and uses thereof

L12 ANSWER 3 OF 27 USPATFULL on STN

TI Gene sequences and uses thereof in plants

L12 ANSWER 4 OF 27 USPATFULL on STN

TI Genes affected by cholesterol treatment and during adipogenesis

L12 ANSWER 5 OF 27 USPATFULL on STN

TI Cell based signal generation

L12 ANSWER 6 OF 27 USPATFULL on STN

TI Yeast proteome analysis

L12 ANSWER 7 OF 27 USPATFULL on STN

TI Stress tolerant plants

L12 ANSWER 8 OF 27 USPATFULL on STN

TI Chlamydia pneumoniae polynucleotides and uses thereof

L12 ANSWER 9 OF 27 USPATFULL on STN

TI Method for amplifying nucleic acid sequence

L12 ANSWER 10 OF 27 USPATFULL on STN

TI Method for the prediction of molecular interaction networks

=> s l12 and (cytochrome or brassinolide)

9097 CYTOCHROME

91 BRASSINOLIDE

L13 8 L12 AND (CYTOCHROME OR BRASSINOLIDE)

=> d l13 1-8 ti

L13 ANSWER 1 OF 8 USPATFULL on STN

TI Gene sequences and uses thereof in plants

L13 ANSWER 2 OF 8 USPATFULL on STN

TI Yeast proteome analysis

L13 ANSWER 3 OF 8 USPATFULL on STN

TI Stress tolerant plants

L13 ANSWER 4 OF 8 USPATFULL on STN

TI Microfabricated recessed disk microelectrodes: characterization in static and convective solutions

L13 ANSWER 5 OF 8 USPATFULL on STN

TI Vectors having replication, immunogenicity and/or pathogenicity under stress promoter regulation and use thereof

L13 ANSWER 6 OF 8 USPATFULL on STN
TI Polynucleotides and polypeptides derived from corn ear

L13 ANSWER 7 OF 8 USPATFULL on STN
TI Expressed sequences of arabidopsis thaliana

L13 ANSWER 8 OF 8 USPATFULL on STN
TI Expressed sequences of arabidopsis thaliana

=> d 113 1,3,5,6,7,8 bib

L13 ANSWER 1 OF 8 USPATFULL on STN
AN 2003:331453 USPATFULL
TI Gene sequences and uses thereof in plants
IN Edgerton, Michael D., St. Louis, MO, UNITED STATES
Chomet, Paul S., Mystic, CT, UNITED STATES
Laccetti, Lucille B., Groton, CT, UNITED STATES
PI US 2003233670 A1 20031218
AI US 2002-310154 A1 20021204 (10)
PRAI US 2001-337358P 20011204 (60)
DT Utility
FS APPLICATION
LREP MONSANTO COMPANY, 800 N. LINDBERGH BLVD., ATTENTION: G.P. WUELLNER, IP
PARALEGAL, (E2NA), ST. LOUIS, MO, 63167
CLMN Number of Claims: 28
ECL Exemplary Claim: 1
DRWN 2 Drawing Page(s)
LN.CNT 14098
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 3 OF 8 USPATFULL on STN
AN 2003:135744 USPATFULL
TI Stress tolerant plants
IN Palatnik, Javier Fernando, Rosario, ARGENTINA
Fillat Castejon, Maria Francisca, Zaragoza, SPAIN
Carrillo, Nestor Jose, VG Galvez, ARGENTINA
Valle, Estela Maria, Rosario, ARGENTINA
Tognetti, Vanessa Beatriz, Rosario, ARGENTINA
PI US 2003093833 A1 20030515
AI US 2001-983536 A1 20011024 (9)
DT Utility
FS APPLICATION
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,
22201
CLMN Number of Claims: 31
ECL Exemplary Claim: 1
DRWN 6 Drawing Page(s)
LN.CNT 1386
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 5 OF 8 USPATFULL on STN
AN 2002:301227 USPATFULL
TI Vectors having replication, immunogenicity and/or pathogenicity under
stress promoter regulation and use thereof
IN Gamerman, Gary Eric, Vienna, VA, UNITED STATES
PI US 2002168771 A1 20021114
AI US 2001-850270 A1 20010508 (9)
DT Utility
FS APPLICATION
LREP Gary Eric Gamerman, 2158 Bonaventure Drive, Vienna, VA, 22181
CLMN Number of Claims: 40
ECL Exemplary Claim: 1
DRWN No Drawings

LN.CNT 2365

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 6 OF 8 USPATFULL on STN

AN 2002:291078 USPATFULL

TI Polynucleotides and polypeptides derived from corn ear

IN Lalgudi, Raghunath V., Clayton, MO, United States

Ito, Laura Y., Pleasanton, CA, United States

Sherman, Bradley K., Oakland, CA, United States

PA Incyte Genomics, Inc., Palo Alto, CA, United States (U.S. corporation)

PI US 6476212 B1 20021105

AI US 1999-313294 19990514 (9)

PRAI US 1998-86722P 19980526 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Brusca, John S.; Assistant Examiner: Moran, Marjorie A.

LREP Incyte Genomics, Inc., Murry, Lynn E.

CLMN Number of Claims: 5

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 23084

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 7 OF 8 USPATFULL on STN

AN 2002:38559 USPATFULL

TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES

An, Yong-Qiang, San Diego, CA, UNITED STATES

Hamilton, Carol M., Apex, NC, UNITED STATES

Price, Jennifer L., Raleigh, NC, UNITED STATES

Raines, Tracy M., Durham, NC, UNITED STATES

Yu, Yang, Martinsville, NJ, UNITED STATES

Rameaka, Joshua G., Durham, NC, UNITED STATES

Page, Amy, Durham, NC, UNITED STATES

Mathew, Abraham V., Cary, NC, UNITED STATES

Ledford, Brooke L., Holly Springs, NC, UNITED STATES

Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES

Haas, William David, Durham, NC, UNITED STATES

Garcia, Carlos A., Carrboro, NC, UNITED STATES

Kricker, Maja, Pittsboro, NC, UNITED STATES

Slater, Ted, Apex, NC, UNITED STATES

Davis, Keith R., Durham, NC, UNITED STATES

Allen, Keith, Cary, NC, UNITED STATES

Hoffman, Neil, Chapel Hill, NC, UNITED STATES

Hurban, Patrick, Raleigh, NC, UNITED STATES

PI US 2002023281 A1 20020221

AI US 2001-770445 A1 20010126 (9)

PRAI US 2000-178472P 20000127 (60)

DT Utility

FS APPLICATION

LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528, RTP, NC, 277094528

CLMN Number of Claims: 27

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 4317

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L13 ANSWER 8 OF 8 USPATFULL on STN

AN 2002:38558 USPATFULL

TI Expressed sequences of arabidopsis thaliana

IN Gorlach, Jorn, Durham, NC, UNITED STATES

An, Yong-Qiang, San Diego, CA, UNITED STATES

Hamilton, Carol M., Apex, NC, UNITED STATES

Price, Jennifer L., Raleigh, NC, UNITED STATES
 Raines, Tracy M., Durham, NC, UNITED STATES
 Yu, Yang, Martinsville, NJ, UNITED STATES
 Rameaka, Joshua G., Durham, NC, UNITED STATES
 Page, Amy, Durham, NC, UNITED STATES
 Mathew, Abraham V., Cary, NC, UNITED STATES
 Ledford, Brooke L., Holly Springs, NC, UNITED STATES
 Woessner, Jeffrey P., Hillsborough, NC, UNITED STATES
 Haas, William David, Durham, NC, UNITED STATES
 Garcia, Carlos A., Carrboro, NC, UNITED STATES
 Kricker, Maja, Pittsboro, NC, UNITED STATES
 Slater, Ted, Apex, NC, UNITED STATES
 Davis, Keith R., Durham, NC, UNITED STATES
 Allen, Keith, Cary, NC, UNITED STATES
 Hoffman, Neil, Chapel Hill, NC, UNITED STATES
 Hurban, Patrick, Raleigh, NC, UNITED STATES

PI US 2002023280 A1 20020221
 AI US 2001-770444 A1 20010126 (9)
 PRAI US 2000-178502P 20000127 (60)
 DT Utility
 FS APPLICATION
 LREP PARADIGM GENETICS, INC, 104 ALEXANDER DRIVE, BUILDING 2, P O BOX 14528,
 RTP, NC, 277094528
 CLMN Number of Claims: 27
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 3845
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d his

(FILE 'HOME' ENTERED AT 13:06:03 ON 18 MAY 2004)

FILE 'USPATFULL' ENTERED AT 13:06:20 ON 18 MAY 2004

L1 32 S (NEFF, M? OR NEFF M?)/AU
 L2 10 S (CHORY, J? OR CHORY J?)/AU
 L3 2 S L1 AND L2
 L4 40 S L1 OR L2
 L5 38 S L4 NOT L3
 L6 0 S L5 AND (BAS1 OR BAS-1 OR BAS(W)1)
 L7 0 S L5 AND BAS
 L8 0 S L5 AND BAS1
 L9 0 S L5 AND BAS-1
 L10 120 S BAS1 OR BAS-1 OR BAS(W)1
 L11 118 S L10 NOT L4
 L12 27 S L11 AND PLANT
 L13 8 S L12 AND (CYTOCHROME OR BRASSINOLIDE)

=> logoff

ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y)/N/HOLD:y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.16	18.37

STN INTERNATIONAL LOGOFF AT 13:10:50 ON 18 MAY 2004